

| Apı | olica | tion/ | Contr | ol No |
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| 7   | P1104 |       | 90116 | 01110 |

10/074,020 Examiner

Janet L. Coppins

Applicant(s)/Patent under Reexamination

TANIGUCHI ET AL.

Art Unit

1626

| ISSUE CLASSIFICATION         |                             |            |            |                        |                                   |                    |       |         |                                         |          |                |                          |                          |            |            |     |             |            |
|------------------------------|-----------------------------|------------|------------|------------------------|-----------------------------------|--------------------|-------|---------|-----------------------------------------|----------|----------------|--------------------------|--------------------------|------------|------------|-----|-------------|------------|
|                              | ORIGINAL                    |            |            |                        |                                   | CROSS REFERENCE(S) |       |         |                                         |          |                |                          |                          |            |            |     |             |            |
| CLASS SUBCLASS CLASS         |                             |            |            |                        | SUBCLASS (ONE SUBCLASS PER BLOCK) |                    |       |         |                                         |          |                |                          |                          |            |            |     |             |            |
| 514                          | 4                           | 222        | .5         |                        | 514                               | 22                 | 3.8   | 231     | 1.2                                     | 237.     | 1              | 255                      |                          | 259        |            | 309 | 3           | 11         |
| INTERNATIONAL CLASSIFICATION |                             |            | 3          | 19                     | 35                                | 7                  | 382   | 2       |                                         |          |                |                          |                          |            |            |     |             |            |
| A   6                        | A 6 1 K 31/54, 535 544      |            |            | 1                      | 59                                | 16                 |       |         |                                         |          |                |                          |                          |            |            |     |             |            |
| A 6                          | 1 K                         | 31/34, 24  |            |                        | 546                               |                    | 39    | 14      | 200000000000000000000000000000000000000 |          |                |                          |                          |            |            |     |             |            |
| c o                          | 7 D                         |            |            | 0000                   | 548                               |                    | 28    | 13      | es es constant la                       |          |                |                          |                          |            |            |     |             |            |
| C 0                          | 7 D                         |            |            |                        | <b>5</b> 40                       |                    | 20    | 10      | •                                       |          |                |                          |                          |            |            |     |             |            |
| C 0                          | 7 D                         | 235/00     |            |                        | 1                                 |                    |       |         |                                         |          |                |                          |                          |            |            |     |             |            |
|                              | '   5                       | 233        | ,,,,,      | . /                    |                                   | <b> </b>           |       |         |                                         | 7        |                | . /                      |                          |            | _          |     |             |            |
| 1 /                          | 04/2- 92.11                 |            |            | Church K. MG           |                                   |                    |       |         |                                         |          |                | Total Claims Allowed: 24 |                          |            |            |     |             |            |
| 0                            | Jah 9x 126/06               |            |            |                        | JOSEPH K. MCKANE                  |                    |       |         |                                         |          |                |                          | Total Claims Allowed: 34 |            |            |     |             |            |
|                              | (Assistant Examiner) (Date) |            |            |                        | SUPERVISORY PATENT EXAMINER       |                    |       |         |                                         |          |                |                          | O.G.                     |            |            | 0   | G.          |            |
| N                            | 1 Remoderate 18106          |            |            | TECHNOLOGY CENTER 1600 |                                   |                    |       |         |                                         |          | Print Claim(s) |                          |                          | Print Fig. |            |     |             |            |
| Ų <b>(</b> e                 | gai Mstru                   | rhěňts Exe | miner)     | (Date                  | e)                                |                    | (Prii | nary Ex | aminer)                                 | ai       | (Date)         | ha                       |                          |            | 10         |     |             | _          |
|                              |                             | t          |            | 0000000000             |                                   | 99090000000        | 7/2// |         |                                         |          |                |                          |                          |            | -          |     |             |            |
| CI                           | laims re                    | numbere    | d in the   | e san                  | ne orde                           | er as p            | resen | ted by  | / appli                                 | icant    | □ c            | PA                       |                          | □ T.       | D.         |     | □ R.        | 1.47       |
| <u></u>                      | nal                         | <u> </u>   | la l       |                        | <del></del>                       | nal                |       | -m      | la l                                    |          | -m             | nai                      |                          | _          | hal        |     | <del></del> | 펼          |
| Final                        | Original                    | Final      | Original   |                        | Final                             | Original           |       | Final   | Original                                |          | Final          | Original                 |                          | Final      | Original   |     | Final       | Original   |
| <u> </u>                     |                             |            | lacksquare |                        |                                   |                    |       |         |                                         |          |                |                          | -                        |            |            |     |             |            |
|                              | 2                           | 19<br>20   | 31         |                        |                                   | 61<br>62           |       |         | 91<br>92                                |          |                | 121<br>122               | _                        |            | 151<br>152 |     | _           | 181        |
|                              | 8                           | 21         | 33         |                        |                                   | 63                 |       |         | 93                                      |          |                | 123                      | -                        |            | 153        |     |             | 182<br>183 |
|                              | A                           | 22         | 34         |                        |                                   | 64                 |       |         | 94                                      |          |                | 124                      | -                        | -          | 154        |     |             | 184        |
|                              | ,5                          | 23         | 35         |                        |                                   | 65                 |       |         | 95                                      |          |                | 125                      | -                        |            | 155        |     |             | 185        |
| -                            | 8<br>1                      | 24<br>25   | 36         |                        |                                   | 66<br>67           |       |         | 96<br>97                                | -        | _              | 126<br>127               | -                        |            | 156<br>157 |     |             | 186<br>187 |
|                              | /8 <sub>2</sub>             | 26         | 38         |                        |                                   | 68                 |       |         | 98                                      |          |                | 128                      | -                        |            | 158        |     |             | 188        |
|                              | 79                          | 27         | 39         |                        |                                   | 69                 |       |         | 99                                      |          |                | 129                      | •                        |            | 159        |     |             | 189        |
| 1                            | 10                          | 28         | 40         |                        |                                   | 70                 |       |         | 100                                     |          |                | 130                      |                          |            | 160        |     |             | 190        |
| 3                            | 11<br>12                    | 29<br>30   | 41 42      |                        |                                   | 71<br>72           |       |         | 101                                     | -        |                | 131<br>132               | -                        |            | 161<br>162 |     |             | 191<br>192 |
| 4                            | 13                          | 31         | 43         |                        | -                                 | 73                 |       |         | 103                                     | 1        |                | 133                      |                          |            | 163        |     |             | 193        |
| 5                            | 14                          |            | .44        |                        |                                   | 74                 |       |         | 104                                     | 1        |                | 134                      |                          |            | 164        |     |             | 194        |
| 6                            | 15                          |            | 45         |                        |                                   | 75                 |       |         | 105                                     |          |                | 135                      |                          |            | 165        |     |             | 195        |
| 8                            | 16<br>17                    | 32<br>33   | 46<br>47   |                        |                                   | 76<br>77           |       |         | 106<br>107                              |          |                | 136<br>137               | -                        |            | 166<br>167 |     |             | 196<br>197 |
| 9                            | 18                          | 34         | 48         |                        | $\vdash \vdash \vdash$            | 78                 |       |         | 107                                     |          |                | 138                      | •                        |            | 168        |     |             | 197        |
|                              | 19                          |            | 49         |                        |                                   | 79                 |       |         | 109                                     | 1        |                | 139                      | -                        |            | 169        |     |             | 199        |
|                              | 20                          |            | 50         |                        | $\vdash \vdash \vdash$            | 80                 |       |         | 110                                     |          |                | 140                      | -                        |            | 170        |     |             | 200        |
| 10                           | <u>21</u><br>22             |            | 51<br>52   |                        |                                   | 81<br>82           |       |         | 111<br>112                              |          |                | 141<br>142               |                          |            | 171<br>172 |     |             | 201        |
| 11                           | 23                          |            | 53         |                        |                                   | 83                 |       |         | 113                                     |          |                | 143                      | -                        | _          | 173        |     |             | 203        |
|                              | 24                          |            | 54         |                        |                                   | 84                 |       |         | 114                                     | 1        |                | 144                      |                          |            | 174        |     |             | 204        |
|                              | 25                          |            | 55         |                        | $\vdash \vdash$                   | 85                 |       |         | 115                                     |          |                | 145                      |                          |            | 175        |     |             | 205        |
|                              | 26<br>27                    |            | 56<br>57   |                        | -                                 | 86<br>87           |       |         | 116<br>117                              |          |                | 146<br>147               |                          |            | 176<br>177 |     | -           | 206<br>207 |
|                              | 28                          |            | 58         |                        |                                   | 88                 |       |         | 118                                     | <b> </b> |                | 148                      | -                        |            | 178        |     |             | 207        |
| 17                           | 29                          |            | 59         |                        |                                   | 89                 |       |         | 119                                     |          |                | 149                      | -                        |            | 179        |     |             | 209        |
| 18                           | 30                          |            | 60         |                        |                                   | 90                 |       |         | 120                                     |          |                | 150                      |                          |            | 180        |     |             | 210        |